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R.F.A. WAVE VICTOR

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2

FURNESS S.B.

PROFILE & DECKS.

N<sup>o</sup>: 356-7-8-9-60.

16-11-42.

\* Wave Victor

S.S. "Empire Bounty" ★  
MDB. RPT. No. 14594. W.S. 613

S.S. "Empire Law" ★  
MDB. RPT. No. 17621.

S.S. "Empire Melner"  
MDB. RPT. No. 17674.

S.S. "Empire Paladin"  
MDB. RPT. No. 17701

S.S. "Empire Protector"  
MDB. RPT. No. 17736. 16-11-42

PROFILE & DECKS

1-60



11



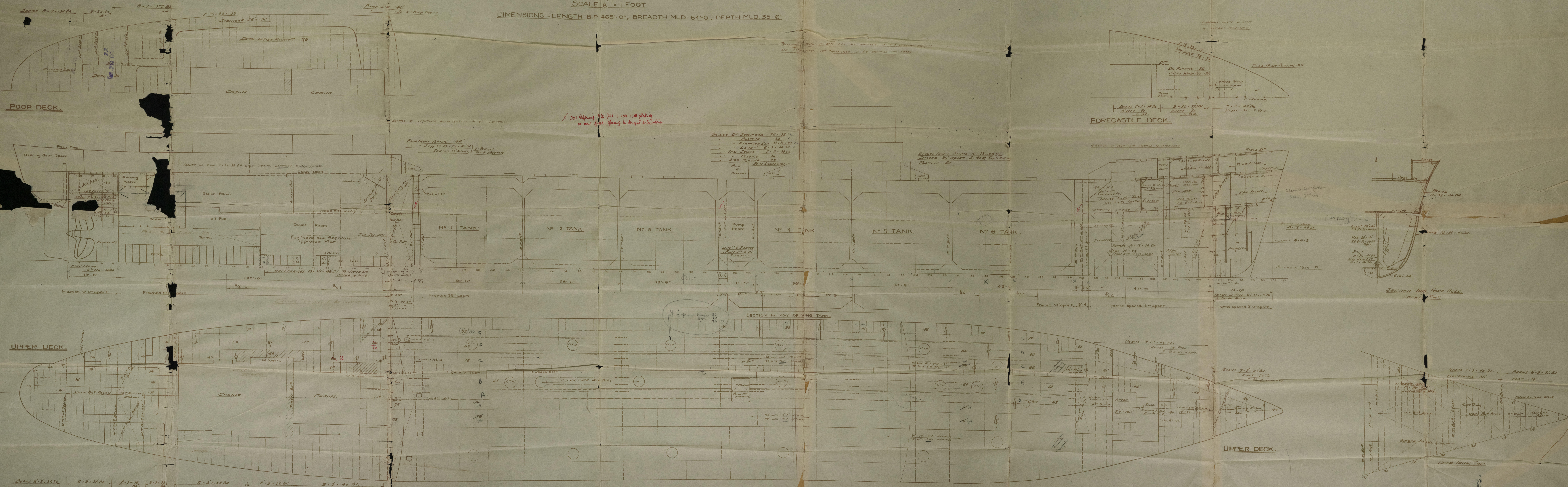
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# PROFILE AND DECK PLAN.

SCALE  $\frac{1}{8}" = 1 \text{ FOOT}$

DIMENSIONS: LENGTH B.P. 465'-0", BREADTH MLD. 64'-0", DEPTH MLD. 35'-6"





FURNESS S. B. Co. LTD.

YARD No. 356.

PROFILE & DECKS. 31.1.44.

(AS FITTED)

N/2 'Wave Victor'

S.S. 'Empire Bountif'  
M.D.C. RPT. No. 17594



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010712-010719-0001.1



## PROFILE AND DECK PLAN.

POOP DECK.

## FORECASTLE DECK.

UPPER DECK.



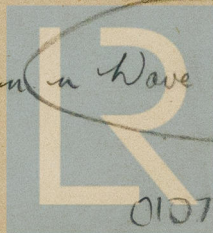
FURNESS S. B. Co. LTD.

YARD No. 356.

MIDSHIP SECTION. 31.1.44.  
(AS FITTED)

Dis/sect.  
No 751.

S.S. "Empire Bounty" m m Wave Victor &  
NDB RPT NO 17594



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010712-010711-0002



Nº 356

## MIDSHIP SECTION.

DRAWING N° 1

LLOYDS NUMERALS.	
1 <sup>st</sup> Longitudinal No	16100
2 <sup>nd</sup> " "	45860
$\frac{1}{10}$ to Upper Deck	13.10

Equipment	
165 (64 x 35.5)	46267
Poop 121 x 7.5 x 7.5	684
Bridge 44 $\frac{1}{2}$ x 7.5 x 7.5	250
Forecastle 66.5 x 7.5 x 7.5	374
Houses 217 x 7.5 x 50	814
	48369

2 Bower Anchors  $21\frac{1}{4}$  cwt. each stockless.  
1 Stream Anchor  $23\frac{1}{2}$  " ex stock.  
300 Fathoms  $2\frac{3}{4}$  " " Tayco" Stud Link Chain  
120 "  $4\frac{1}{4}$  " " Flexible steel wire 6 x 24.  
130 "  $5\frac{1}{2}$  " " " " 6 x 24.  
2 Hawseers 100 Fathoms  $2\frac{3}{4}$  " steel wire 6 x 12.  
2 Warps 100 "  $2\frac{3}{4}$  " " " 6 x 12.



356-7-8-9-60

(6)

O. T. BULKD<sup>s</sup>

16-11-42

FURNESS S.B. C<sup>o</sup> L<sup>td</sup>

N<sup>o</sup> 356-7-8-9-60.

O. T. BULKD<sup>s</sup>

16-11-42.

+ Mr Wave Victor

W.S. 613

S.S. "Empire Bounty" ★  
MDB. RPT. No. 17594.

S.S. "Empire Law"  
MDB. RPT. No. 17621.

S.S. "Empire Miller"  
MDB. RPT. No. 17674

S.S. "Empire Paladin"  
MDB. RPT. No. 17701

S.S. Empire Protector.  
MDB. RPT. No. 17736.

Wave Victor

W.S. 613



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010712-010714-0000







(13)

Furness S B Co Ltd

356/7/8-9-60

Stem Construction

18-11-42

(13)

S.S.  
MDB. RPT. No.

Wave Conqueror

(13)

004275-004284-0206

7

FURNESS S B Co LTD

Nº 356-7-8-9-60.1-2

STEM CONSTRUCTION.

H-18

18-11-42.

S.S. "Empire Bounty"  
MDB. RPT. No. 17594.

S.S. "Empire Law Wave Conqueror"  
MDB. RPT. No. 17621

S.S. "Empire Melner"  
MDB. RPT. No. 17674

S.S. "Empire Paladine"  
MDB. RPT. No. 17701

S.S. Empire Protector  
MDB. RPT. No. 17736

S.S. "Wave Conqueror"  
MDB. RPT. No. 17765

S.S. "Wave Conqueror"  
MDB. RPT. No. 17824

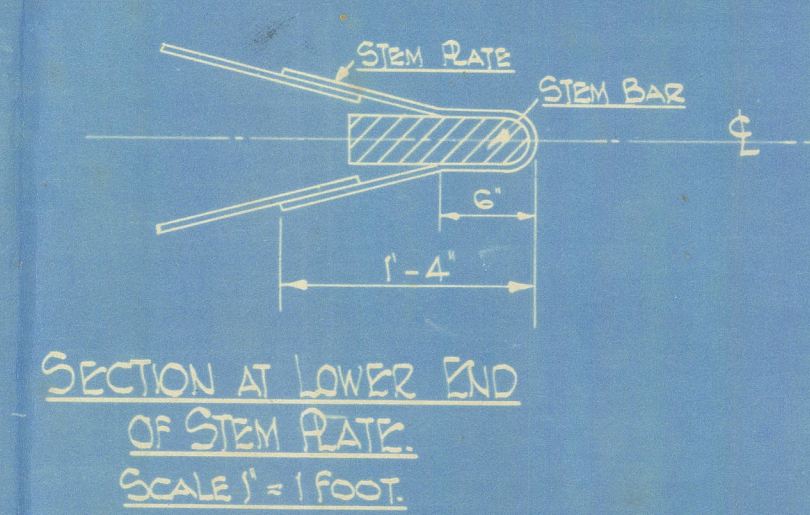
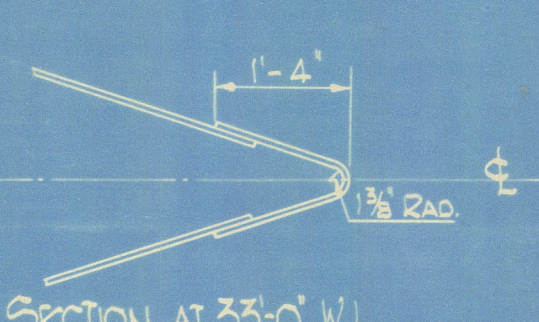
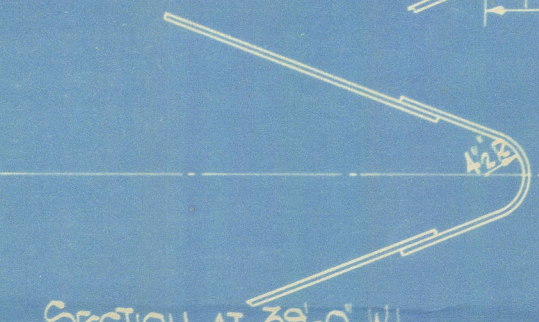
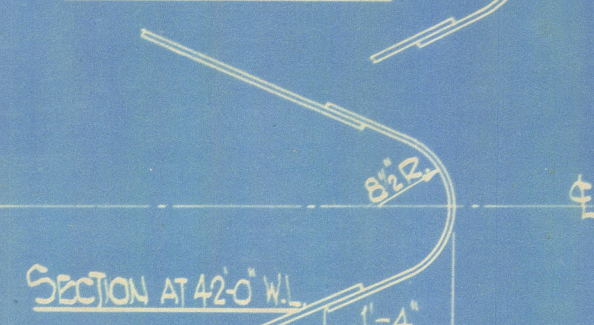
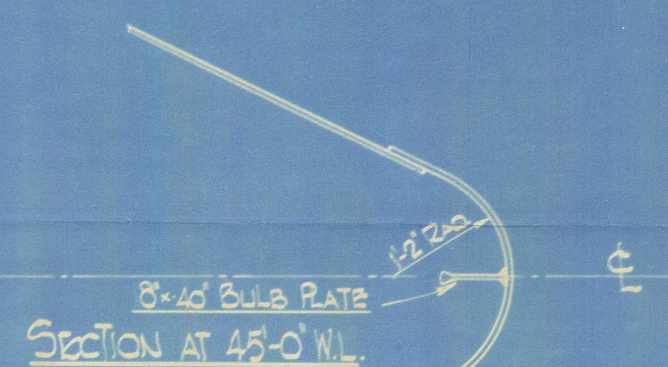
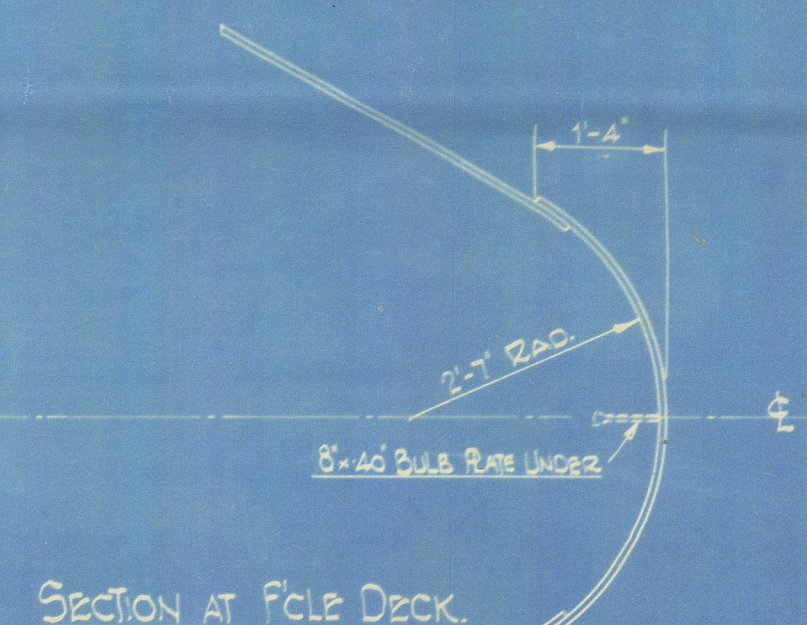
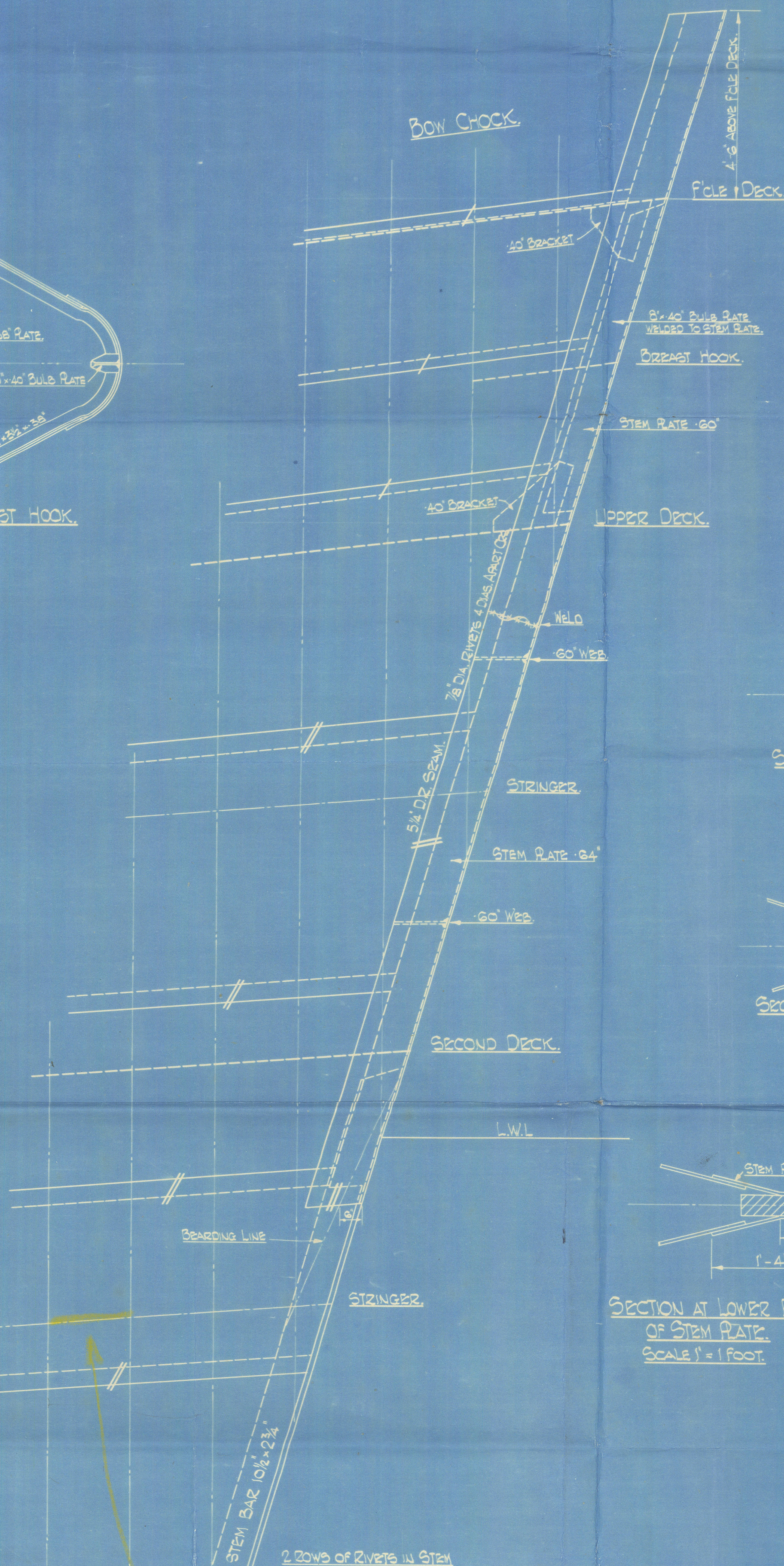
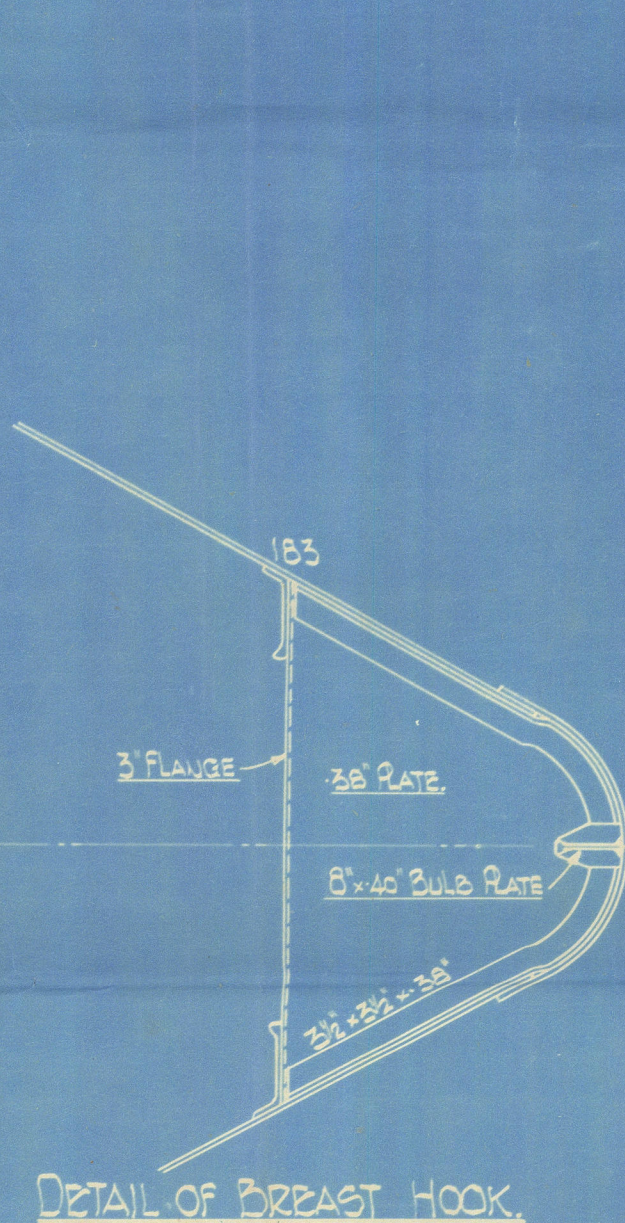
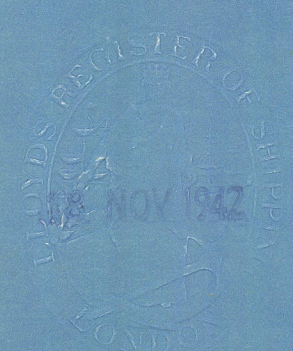
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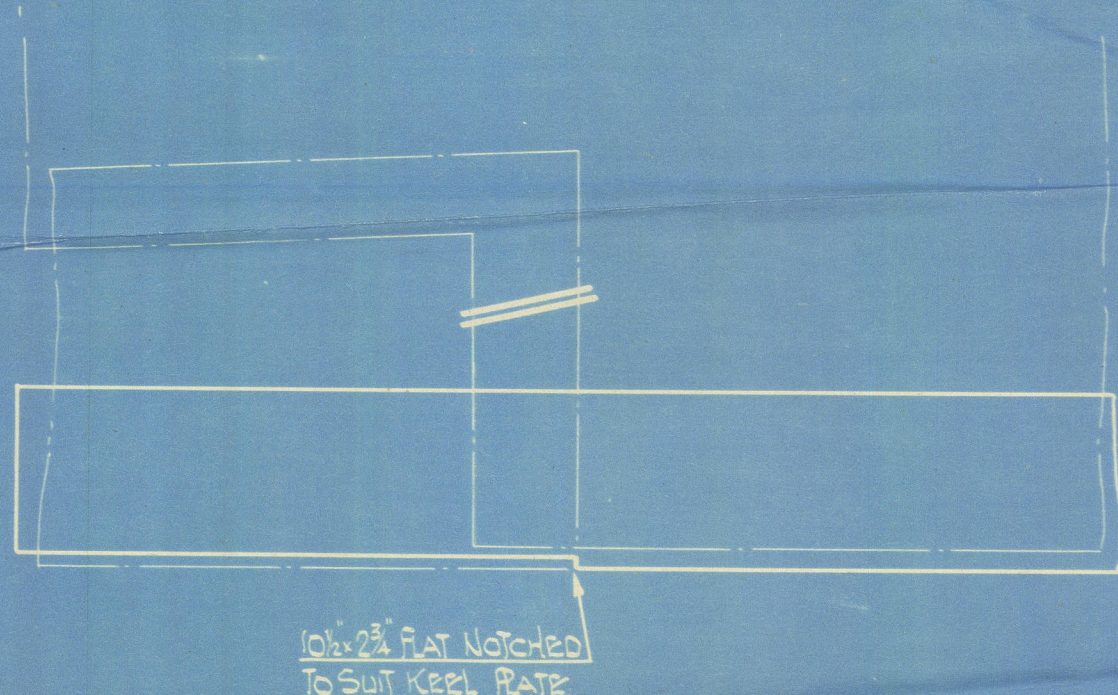
# Nos 356-7-8. STEM CONSTRUCTION.

SCALE  $\frac{1}{2}" = 1 \text{ FOOT.}$

PLAN No 6.



DETAIL OF NOTCH IN STEM BAR  
SCALE  $1" = 1 \text{ FOOT.}$



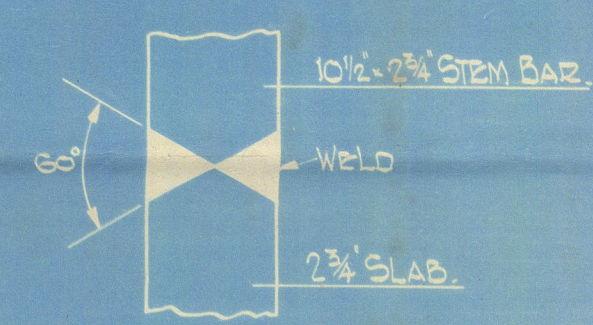
2 ROWS OF RIVETS IN STEM BAR 1\"/>

TIE PLATES 18\"/>

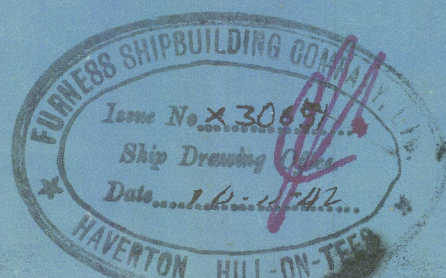
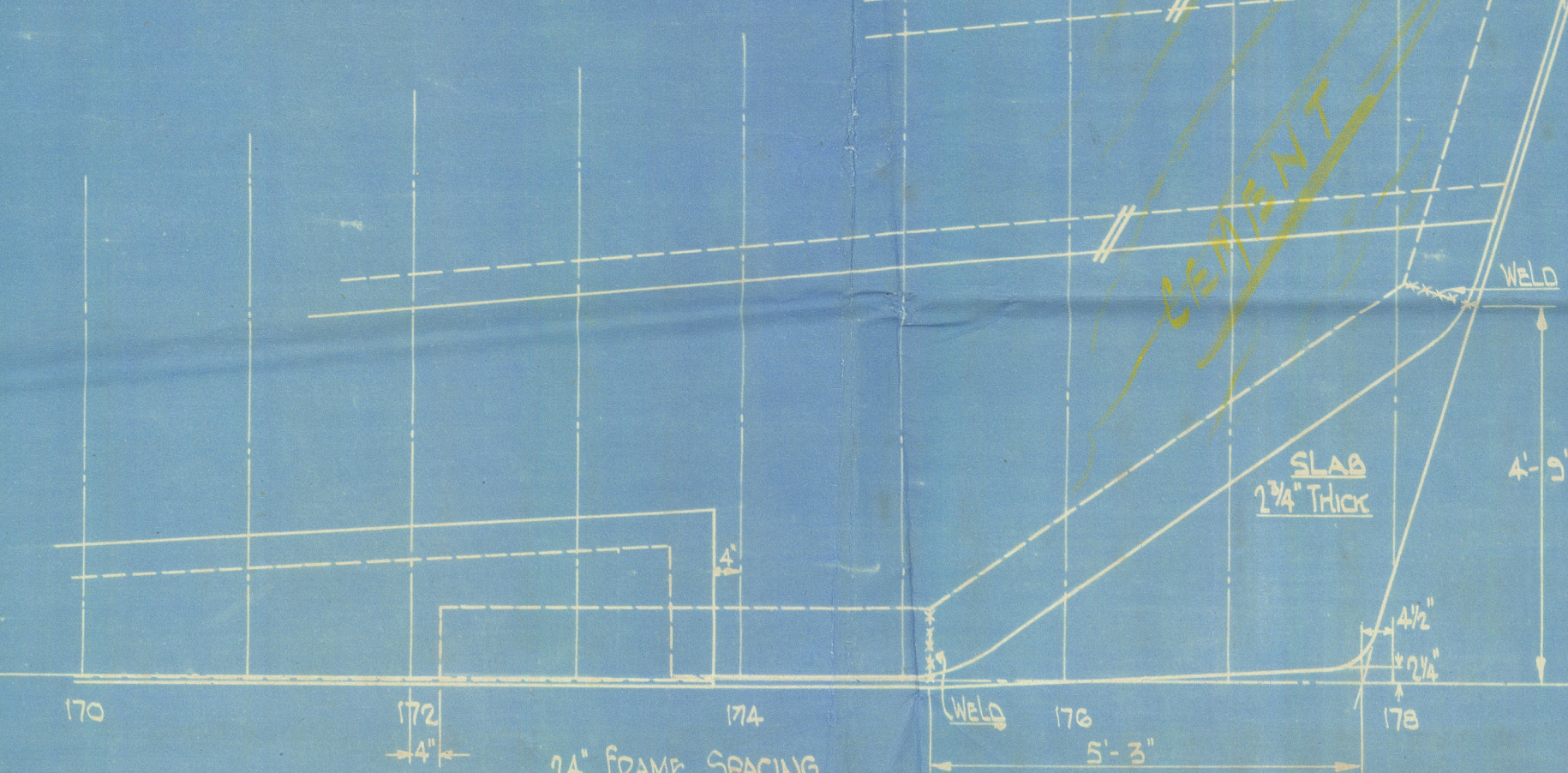
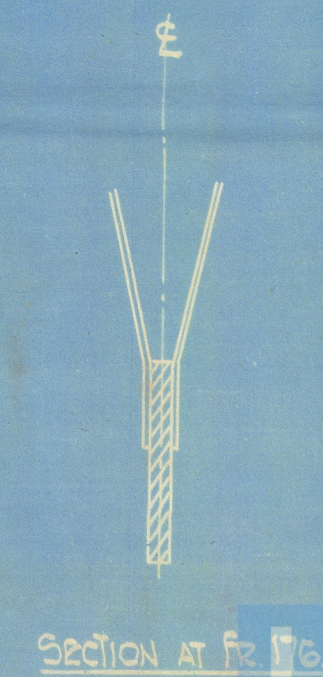
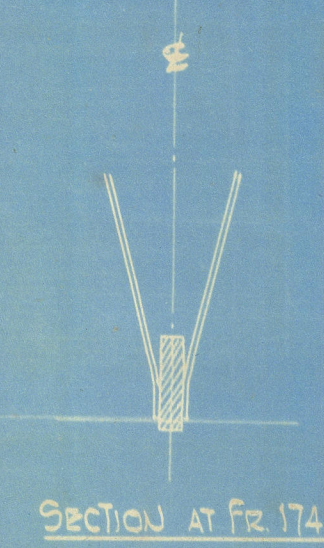
FITTED ACROSS BA. STRINGERS

Nos 2-3-4

N357 EMPIRE LAW (ONLY)



CONNECTION OF STEM BAR TO SLAB.



T. No 5561.



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004275-004284-0206



19)  
FURNESS. S. B. C. L<sup>TD</sup>

N<sup>o</sup> 356.7.8.9.60. ~~EE~~

STERN FRAME.

23-3-43

Wave Victor

S.S. "Empire Bounty"  
MDB. RPT. No. 17594.



S.S. "Empire Law"  
MDB. RPT. No. 17621

S.S. "Empire Milner"  
MDB. RPT. No. 17674

S.S. "Empire Paladdin" } set "as  
MDB. RPT. No. 17701. } fitted  
plan"

S.S. "Empire Protector"  
MDB. RPT. No. 17736.



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010712-010719-0005  
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Nº 356-8.  
STERN FRAME.



20  
FLIRNESS. S. B. C<sup>o</sup>/10

N<sup>o</sup> 356.7.8 ~~260.7.8~~

RUDDER PLAN.

23-3-43

N/W 'Wave Victor'

S.S. "Empire Bounty" \*  
MDB. RPT. No. 17594

S.S. "Empire Law"  
MDB. RPT. No. 17621

S.S. Empire Milner  
MDB. RPT. No. 17674

S.S. Empire Paladin  
MDB. RPT. No. 17701

↑  
not filled  
in "EMPIRE  
'PALADIN'"

See letter 15.9.44



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01002-01079-0004



123 MAR 1945

NOS 356-7 & 8. ~~2460~~

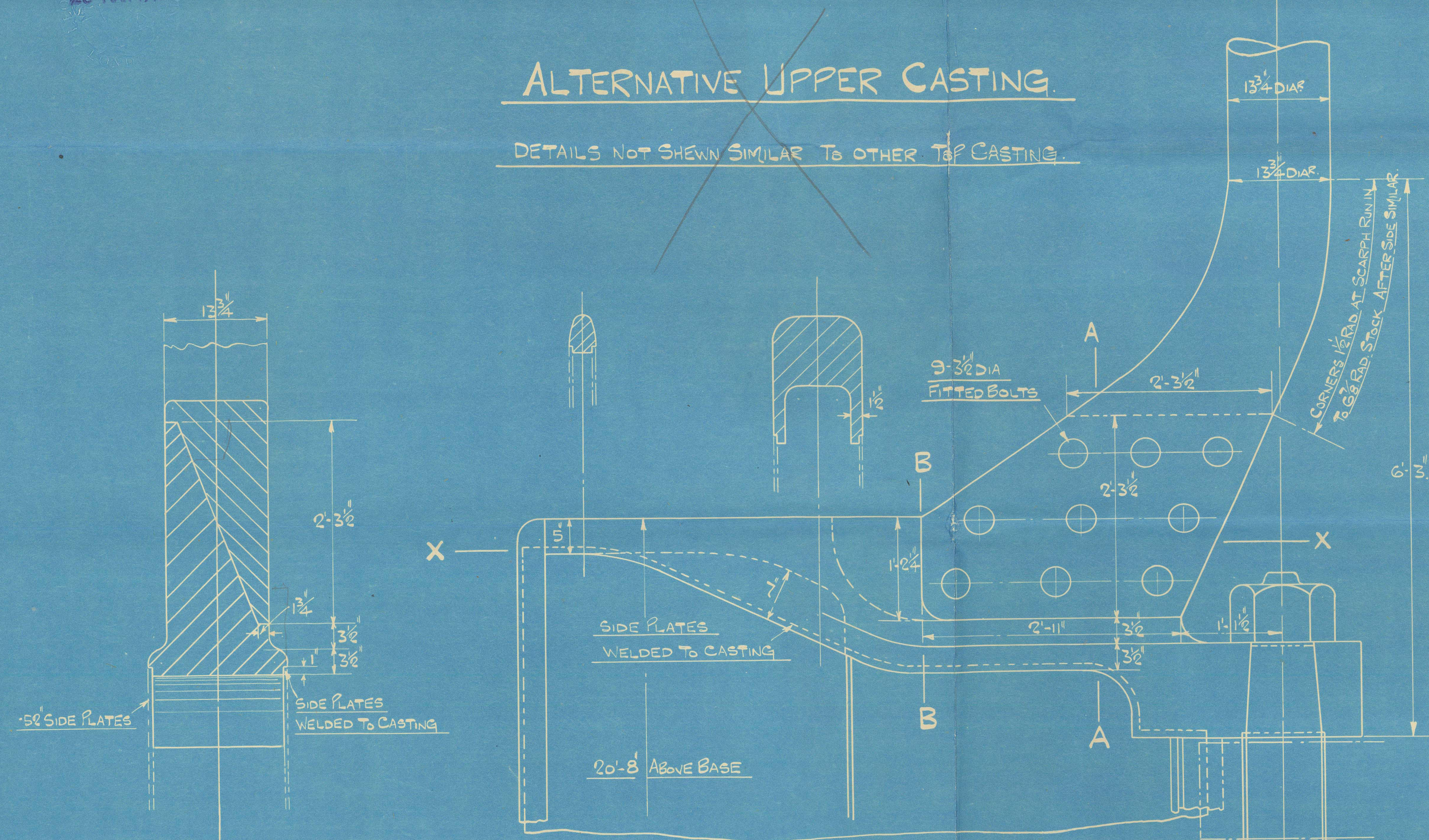
# RUDDER PLAN

SCALE 1" = 1 FOOT.

AREA OF RUDDER (TO $\pm$ OF PINTLES) = $19'6" \times 8'6" = 161.5$ SQ FT	
C. of G. OF AREA ABAFT PINTLES = 4.25 FT	
$A \times D = 161.5 \times 4.25 = 686.375$	
SPEED = 15 KNOTS.	
RUDDER STOCK = $13\frac{3}{4}$ DIA	

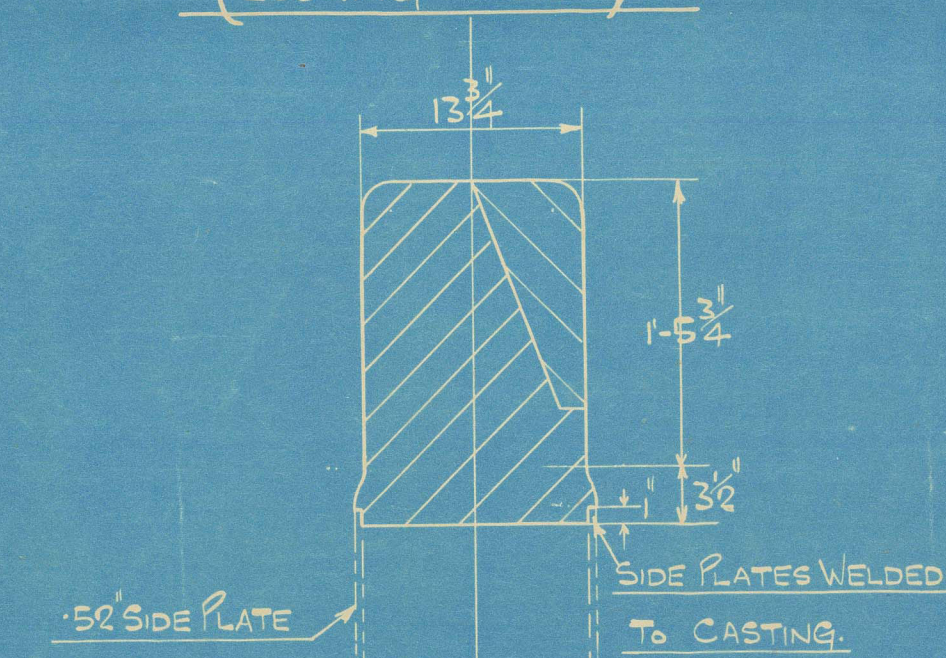
## ALTERNATIVE UPPER CASTING

DETAILS NOT SHOWN SIMILAR TO OTHER TOP CASTING.



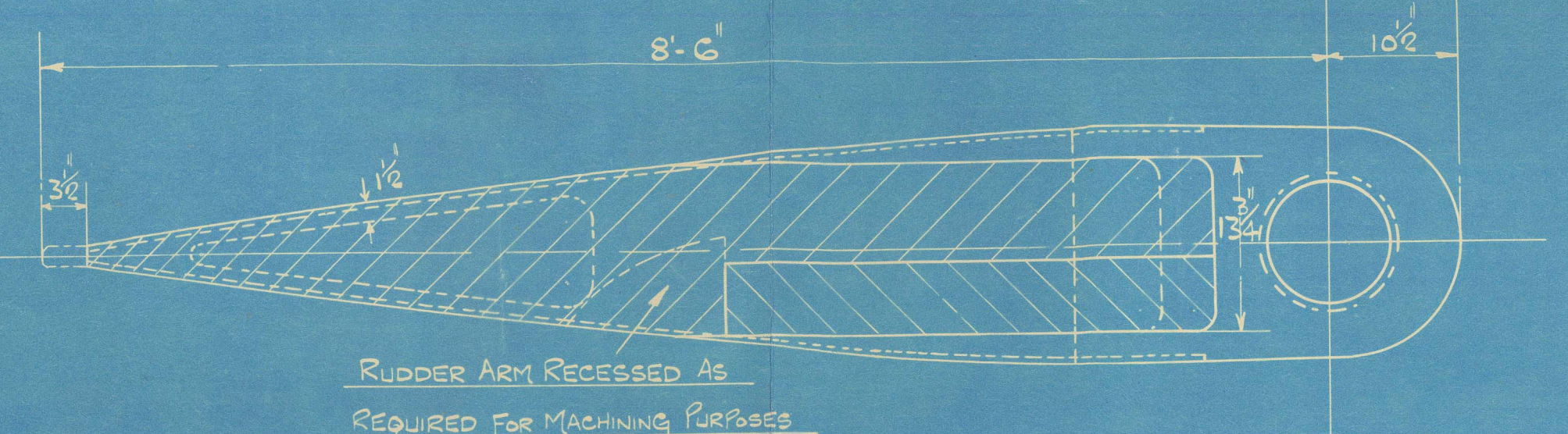
SECTION AT A-A

(LOOKING FORB)

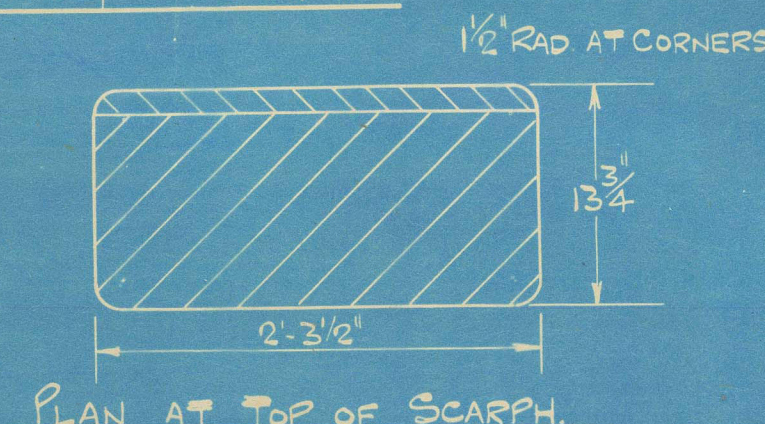


SECTION AT B-B

(LOOKING FORB)



PLAN VIEW OF UPPER CASTING AT X-X.



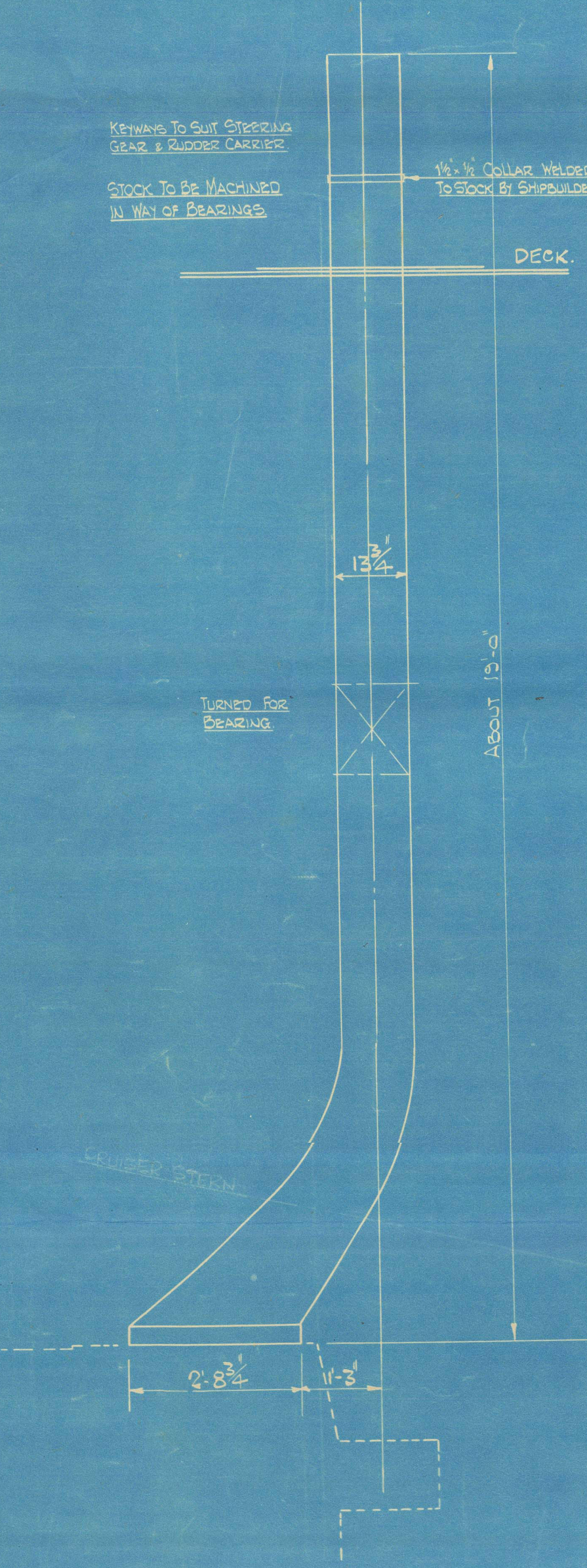
PLAN AT TOP OF SCARP.

## NOTES

- RUDDER ARMS OF CAST STEEL.
- RUDDER STOCK OF FORGED STEEL.
- ALL TO BE IN ACCORDANCE WITH THE REQUIREMENTS AND TESTS OF LLOYD'S REGISTER OF SHIPPING AND TO BE INSPECTED AND PASSED BY LLOYD'S SURVEYOR BEFORE LEAVING MAKERS WORKS.
- DIMENSIONS TO BE CAREFULLY WORKED TO AS WE PAY.
- ONLY ON WEIGHTS CALCULATED TO THESE SIZES.
- WRITTEN DIMENSIONS ONLY TO BE TAKEN.
- EXPPOSED EDGES OF CASTINGS TO BE ROUNDED OFF.
- PATTERNS TO BE SUPPLIED BY MAKERS.
- ALL MACHINING AND DRILLING TO BE DONE BY MAKERS.
- SHIPBUILDERS TO BE INFORMED OF ANY PROPOSED DEPARTURE FROM THIS DRAWING AND SAME TO BE AGREED TO BEFORE PARTS ARE MADE.
- SURFACES TO WHICH PLATING IS ATTACHED ARE TO BE FLAT AND FAIR, MACHINED AND DRESSED AS NECESSARY.
- RUDDER MAKERS TO SUPPLY SHIPBUILDERS (FOR STEERING GEAR MAKERS) WITH GAUGE OF STOCK DIA.
- SPACING OF ARMS TO BE TO SUIT STERNFRAME AS CAST (THIS DIMENSION LATER).

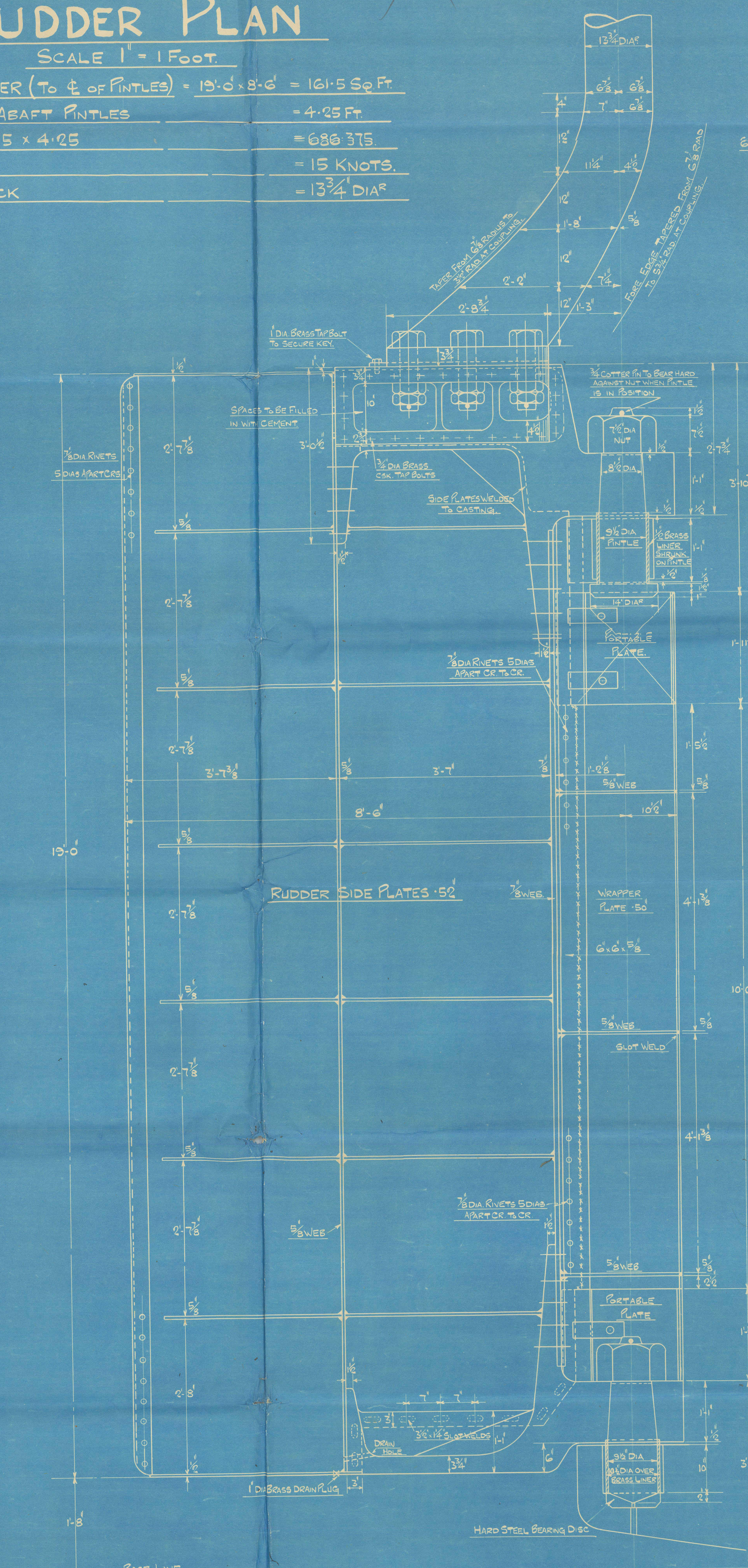
Internal surface of rudder stock to be coated with approved anti-rust compound.

Below: Explain for lifting.

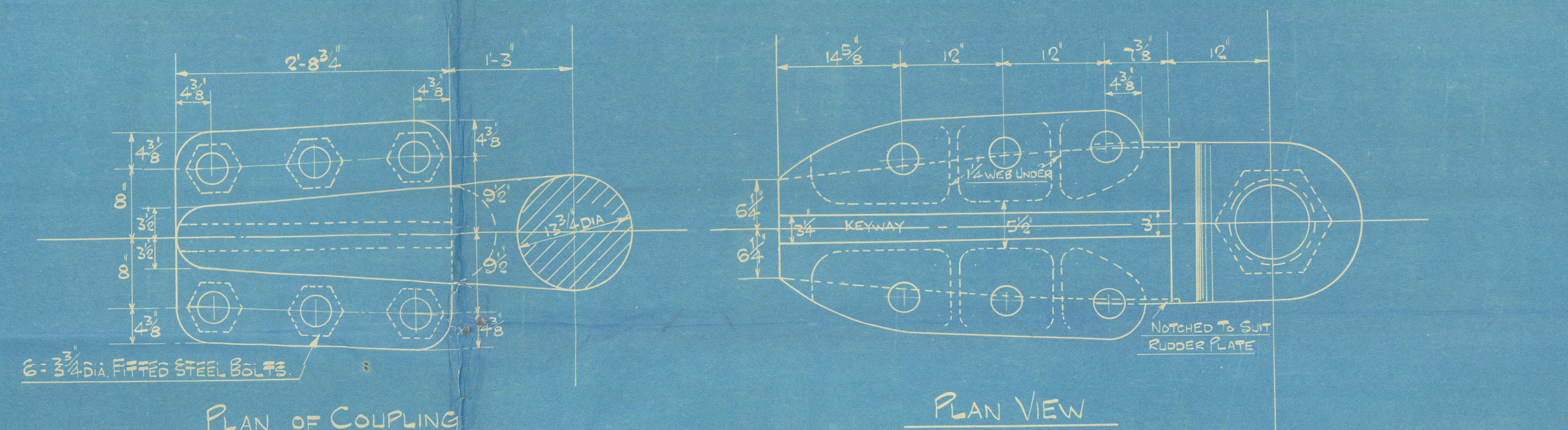


RUDDER STOCK.

SCALE 1/2" = 1 FOOT.



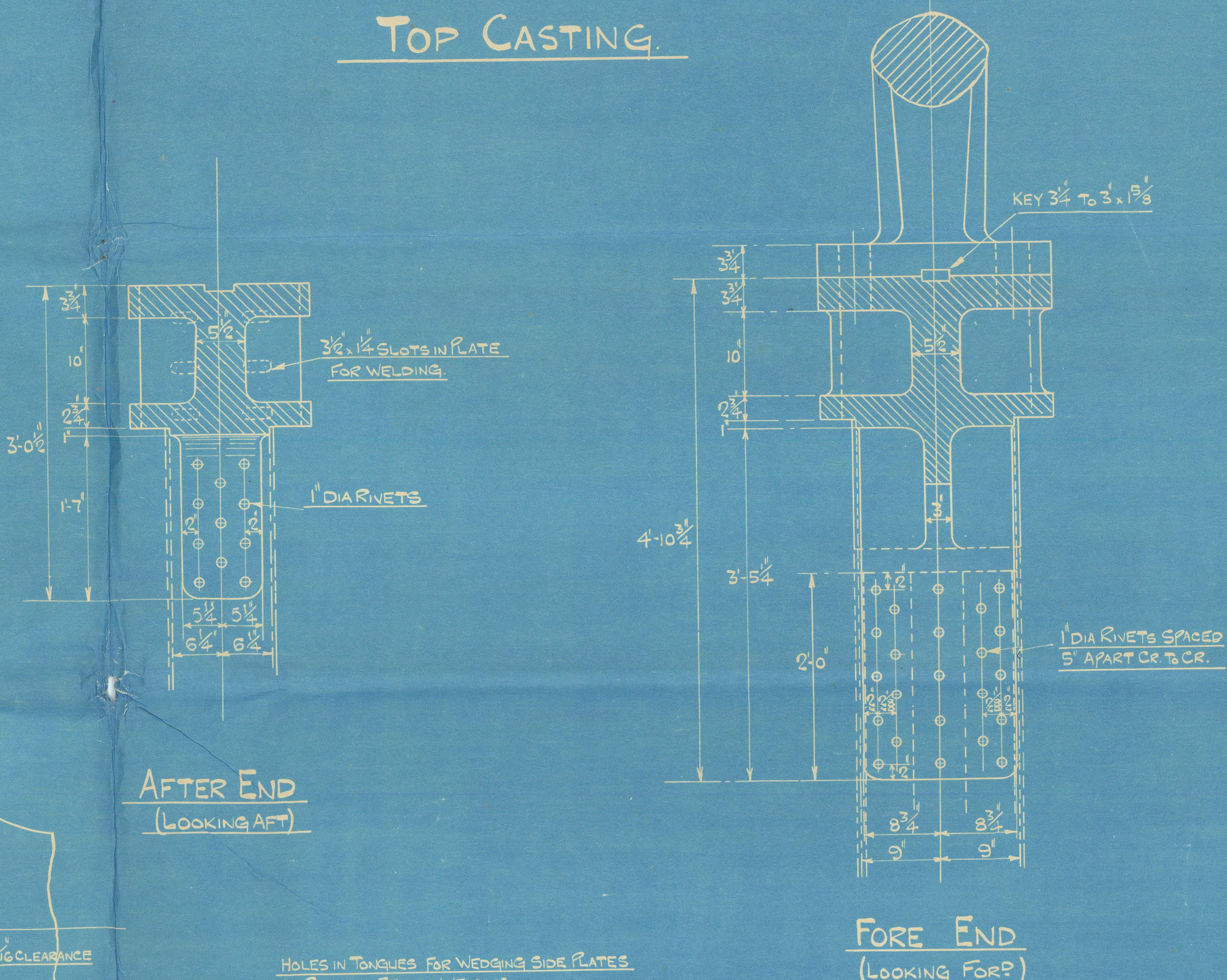
PLAN VIEW OF LOWER CASTING



PLAN OF COUPLING

PLAN VIEW

## TOP CASTING.



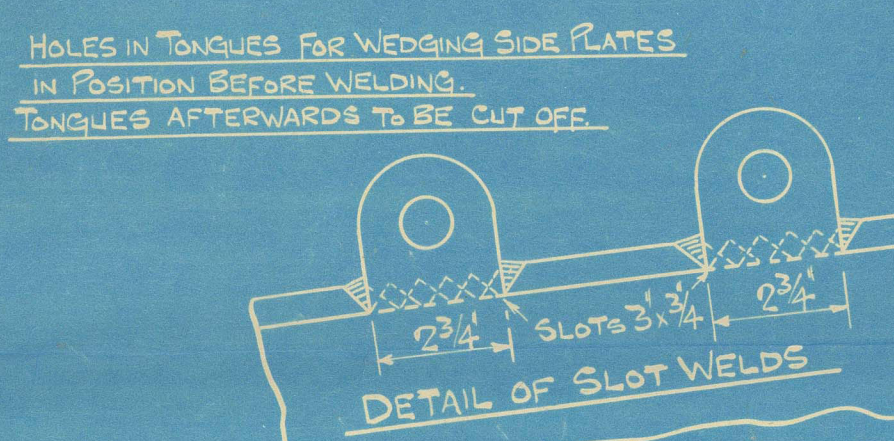
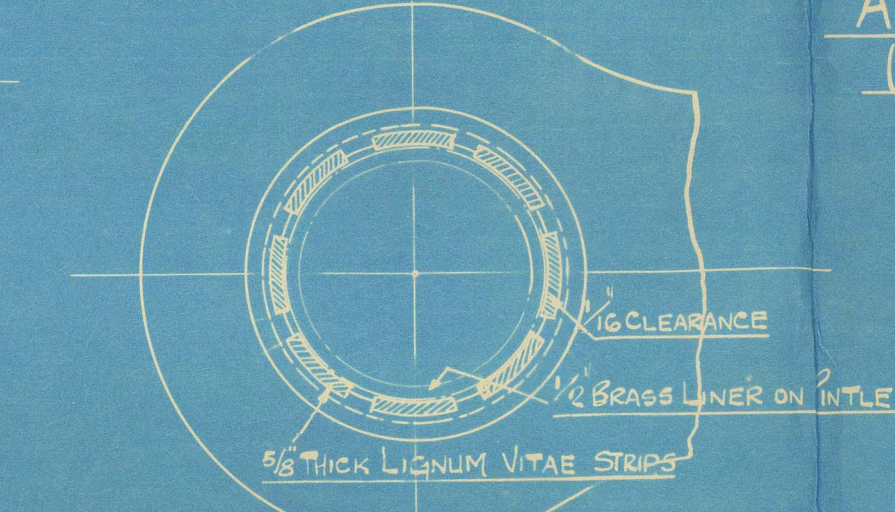
AFTER END

(LOOKING AFT)

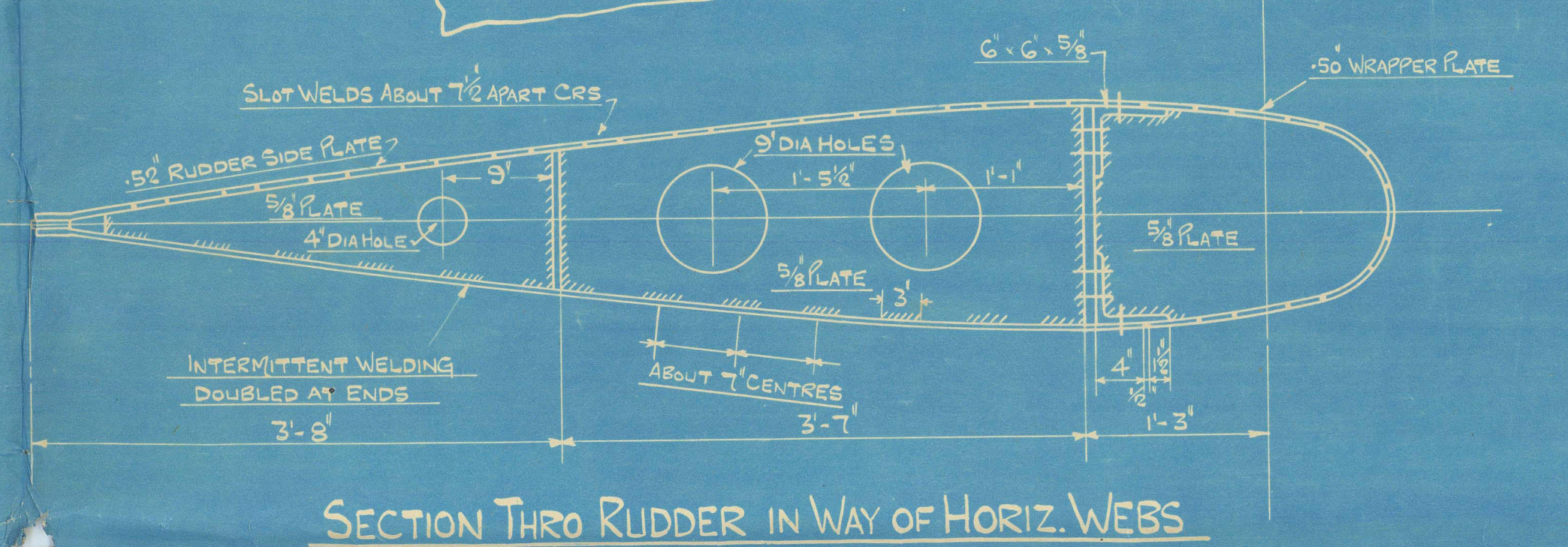
FORE END

(LOOKING FORB)

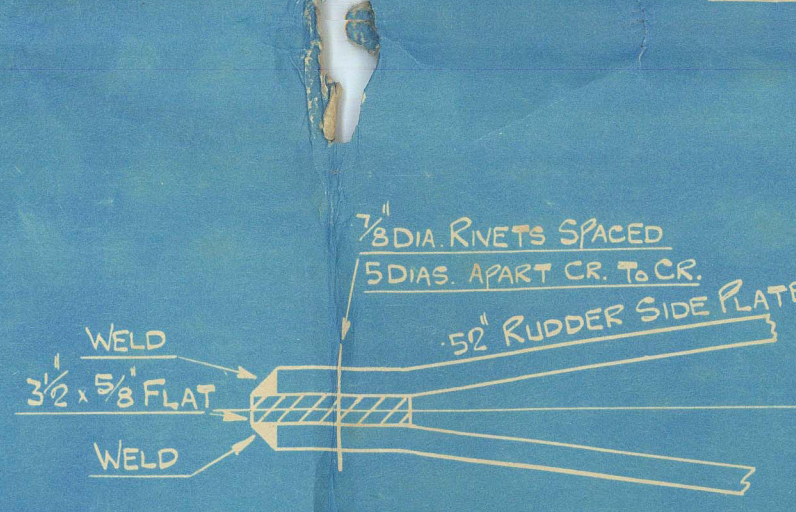
PLAN OF STERNFRAME GUIDES.



DETAIL OF SLOT WELDS

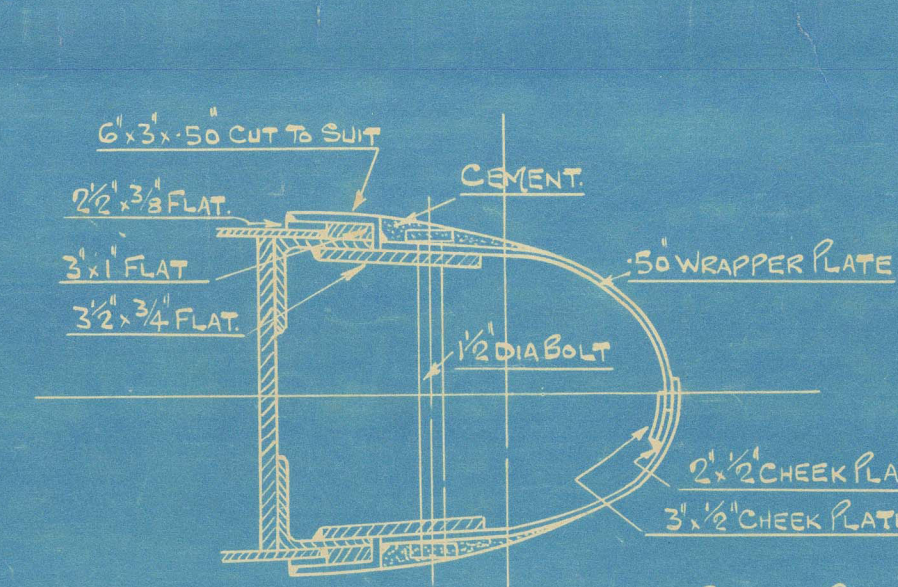


SECTION THRU RUDDER IN WAY OF HORIZ. WEBS



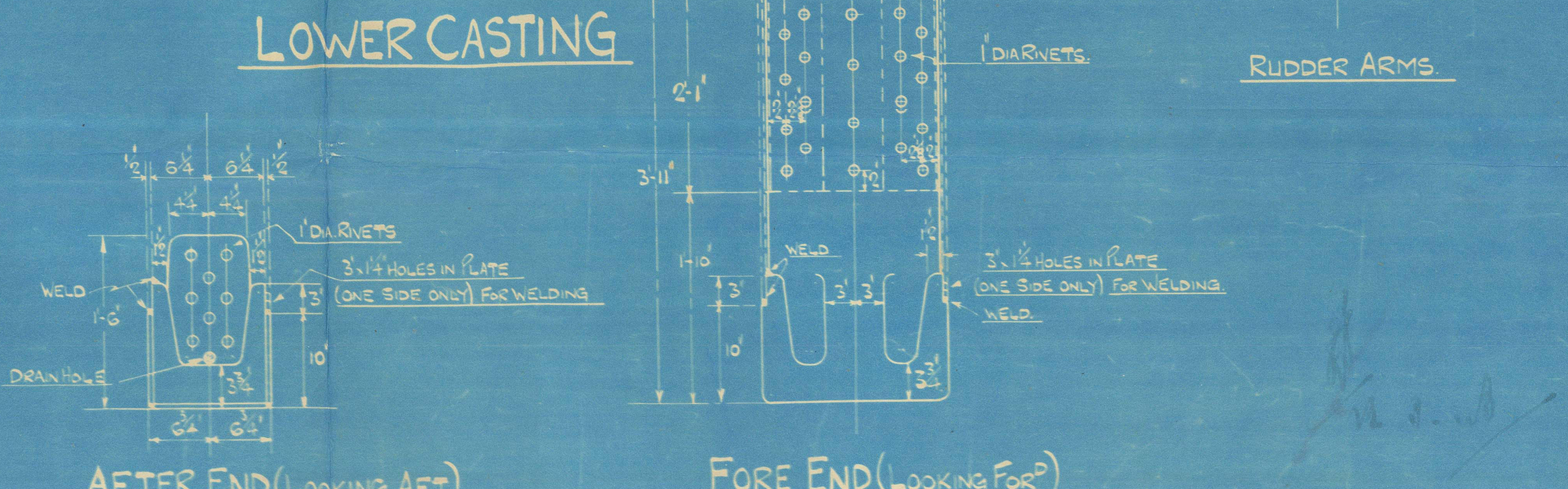
SECTION THRU BACKPIECE

SCALE 3/4" = 1 FOOT.



SECTION AT PORTABLE PLATE.

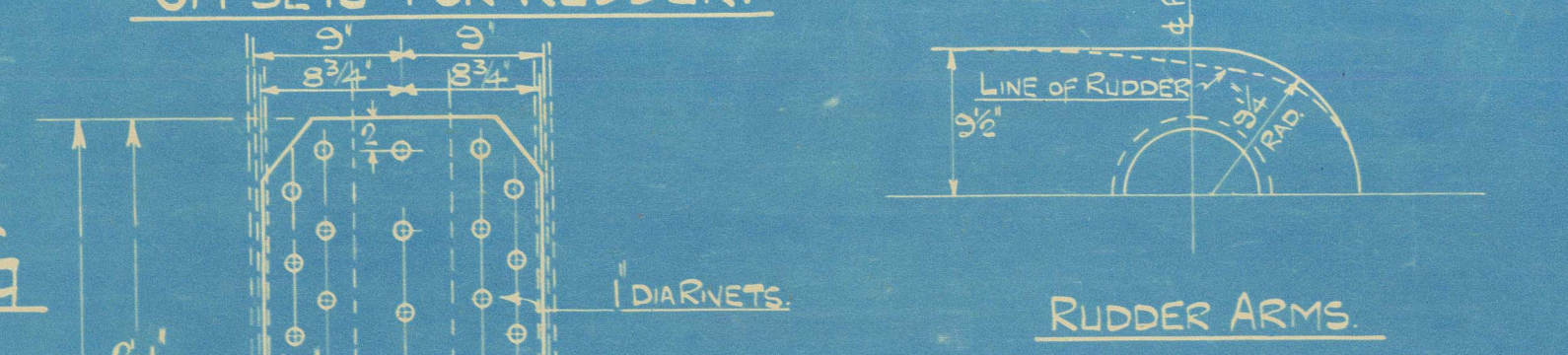
## LOWER CASTING



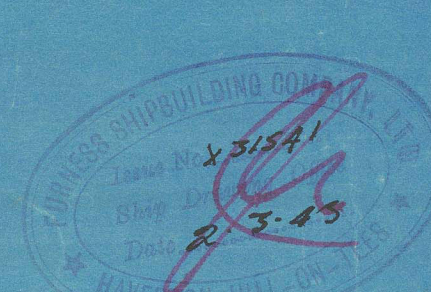
AFTER END (LOOKING AFT)

FORE END (LOOKING FORB)

## OFFSETS FOR RUDDER.



I. No 5357

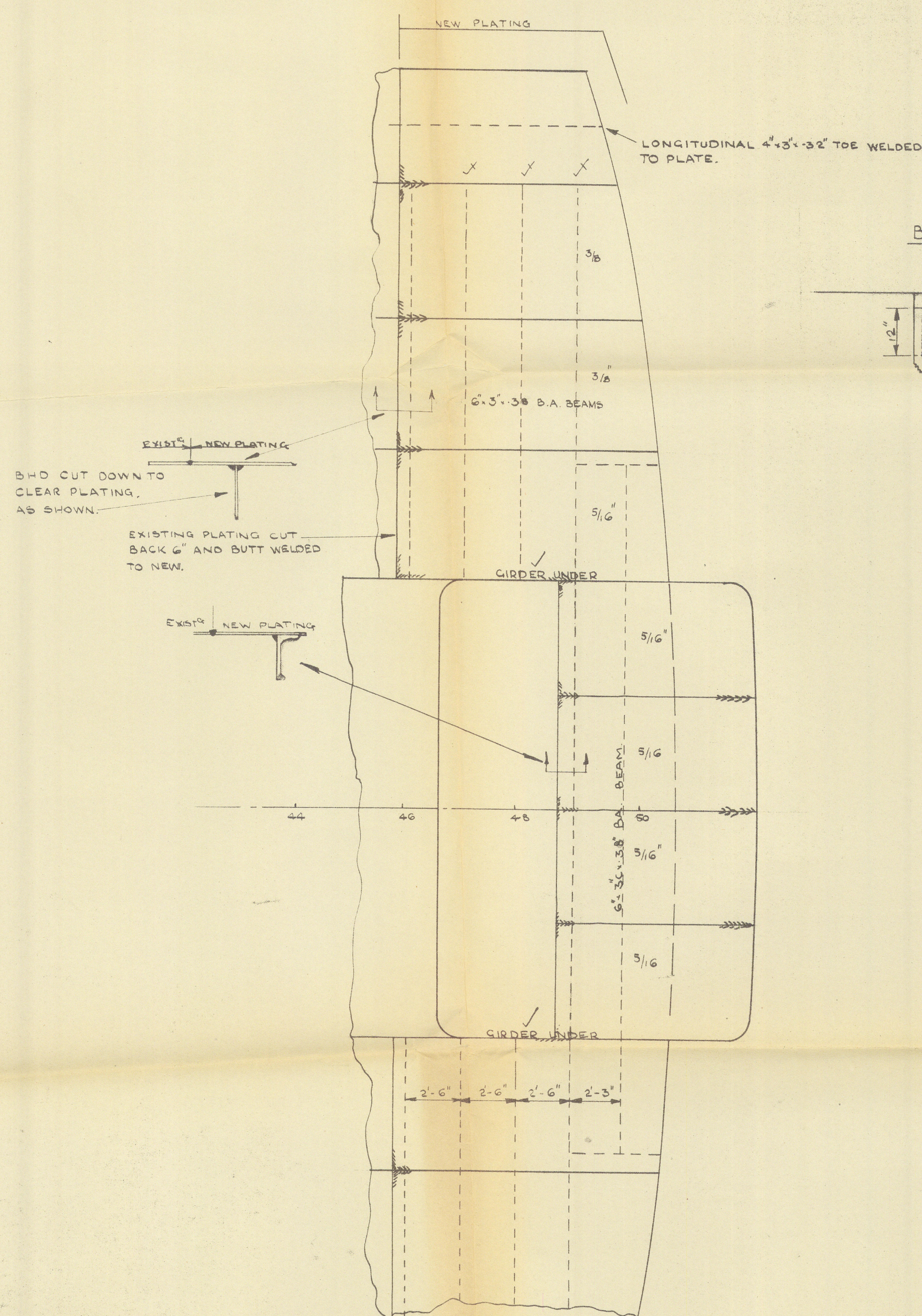




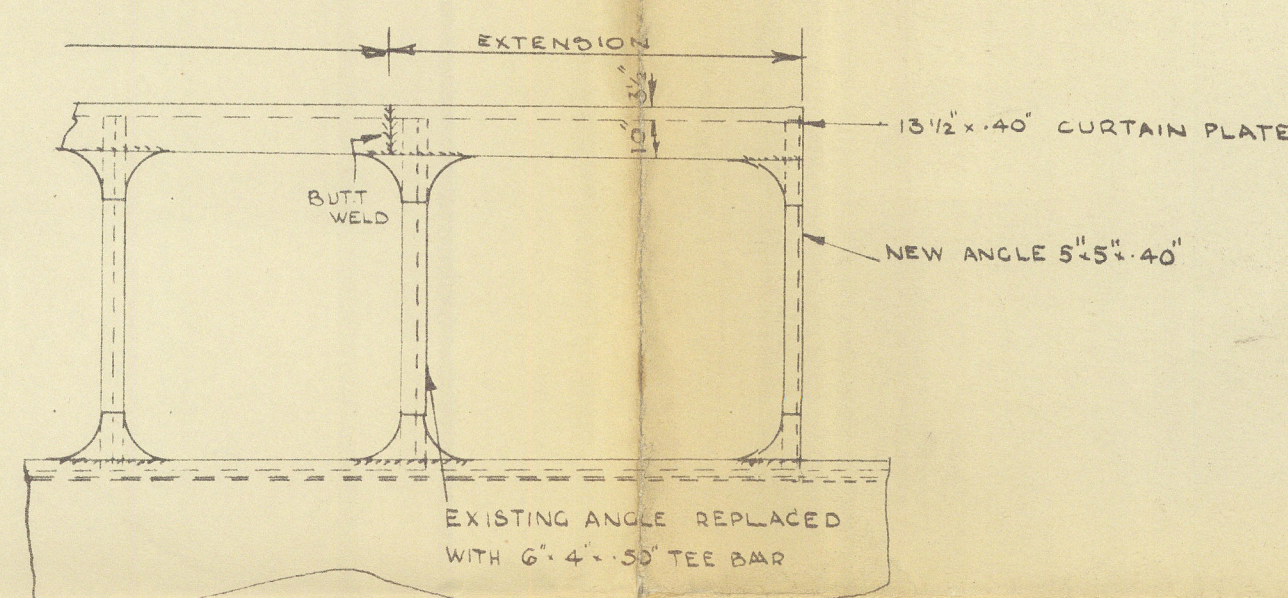
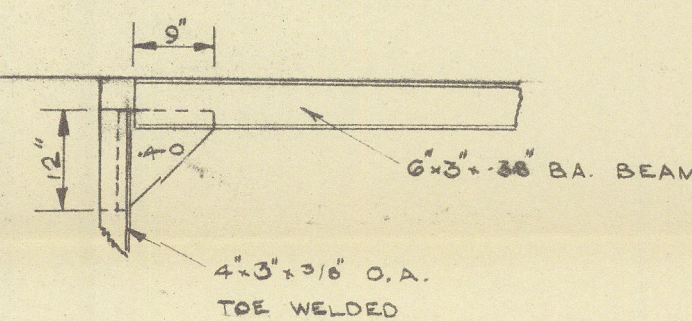




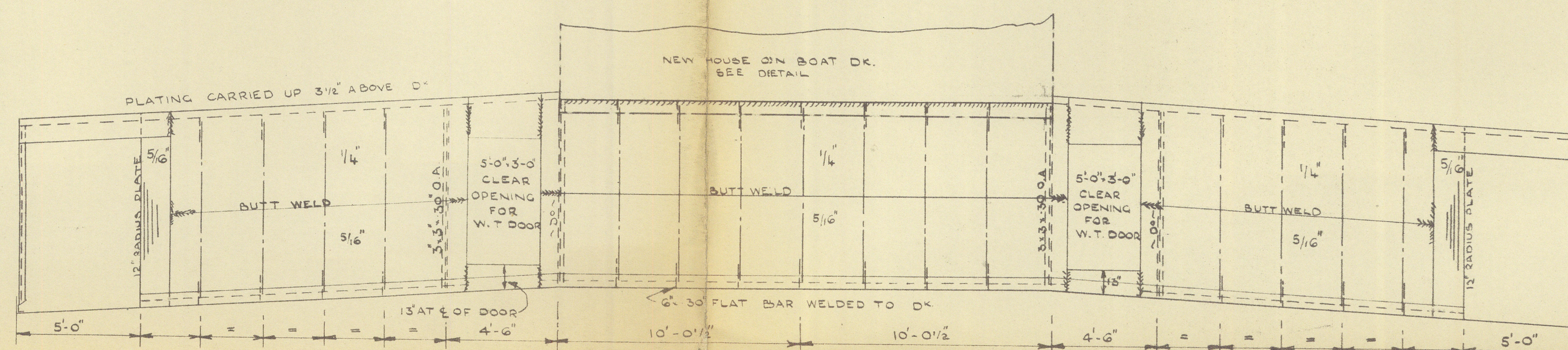
# PLAN AT BOAT D<sup>K</sup>



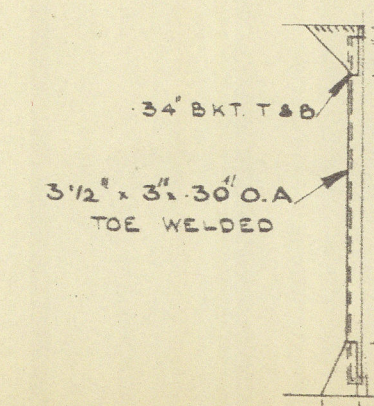
## BEAM KNEES AT X



## EXTENSION TO CURTAIN PLATE P & S SIMILAR

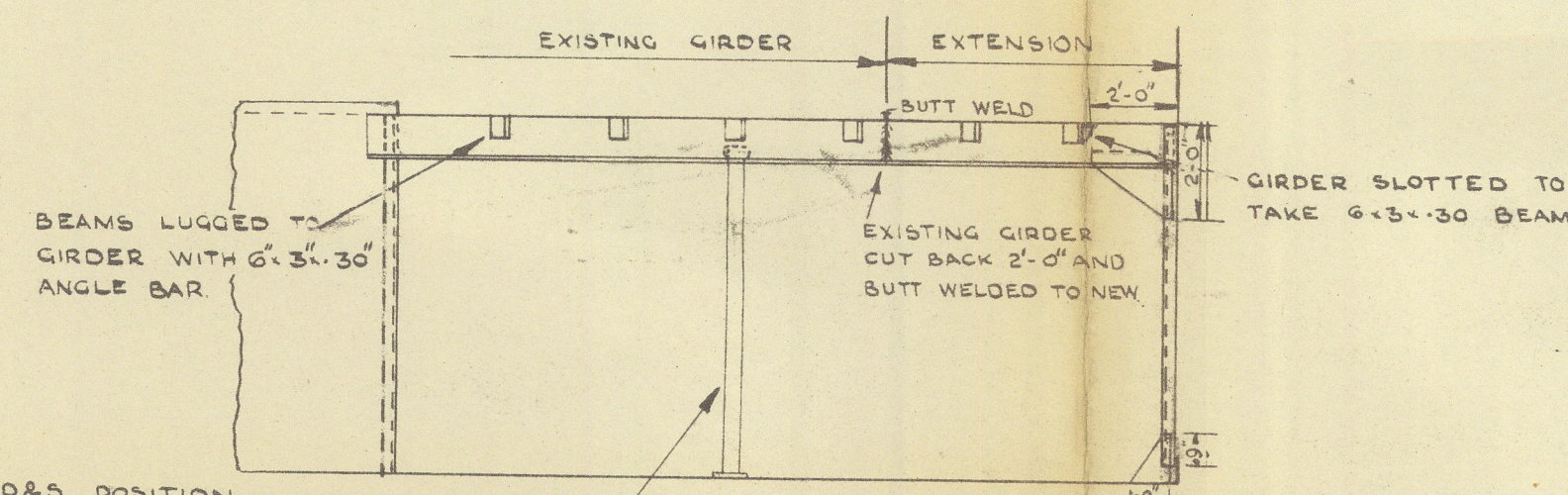
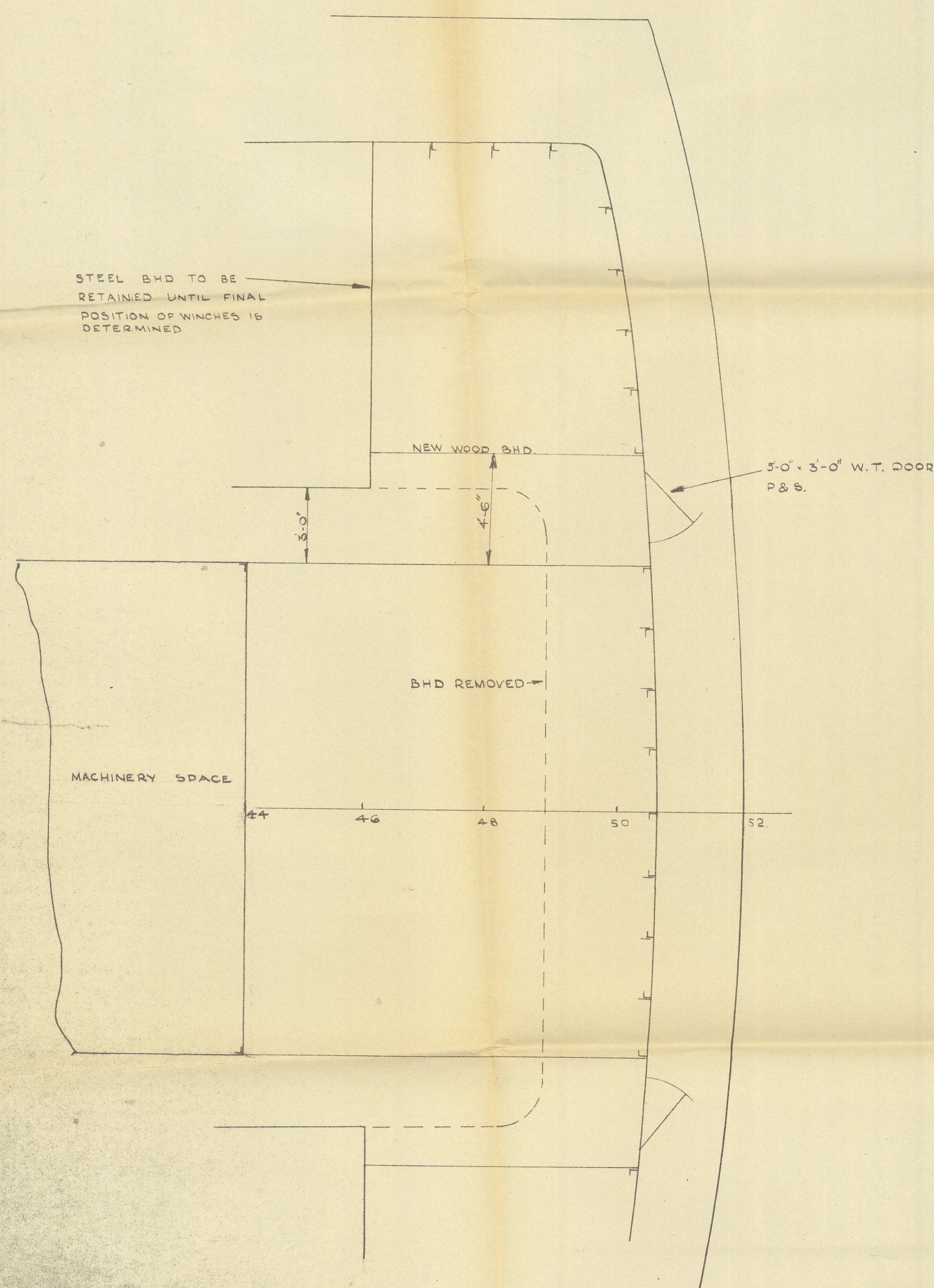


## NEW POOP HOUSE FRONT LOOKING AFT STIFFENERS 3 1/2" x 3" x 3/8" O.A. TOE WELDED

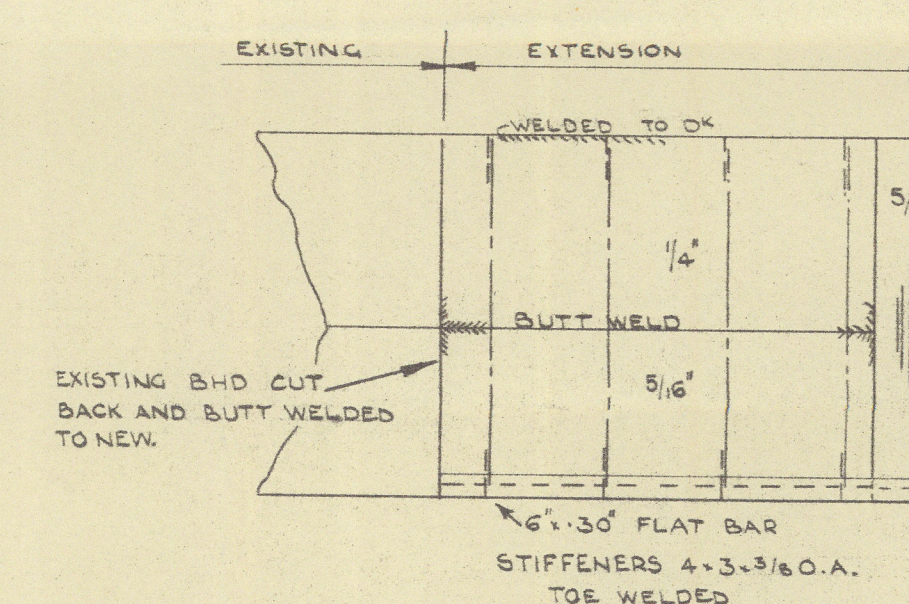


## SECTION

# PLAN AT POOP D<sup>K</sup>



## EXTENSION TO GIRDER MARKED V STBD SIDE. PORT SIMILAR



## EXTENSION TO HOUSE SIDE PORT & STBD SIMILAR

# 'WAVE VICTOR' EXTENSIONS TO POOP D<sup>K</sup> HOUSE AND BOAT DECK

SCALE 1/4" = 1 FOOT

(AS APPROVED FOR SISTER SHIP 'WAVE BARON')

NEWCASTLE-ON-TYNE, No. 110520.  
RECORDS DEPT.  
LONDON

9

13 MAY 1953  
SHIP DRAWING OFFICE

TO ACCOMPANY... REPORT No. 110520  
DATED... 6.53

DRG N°6